AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior listings of claims in this application.

1. (Original) A method for obtaining software performance data, said method comprising:

entering a software application;

setting a trace data flag to off;

while said software application has not exited, iteratively performing the following steps for each module initiated by said software application:

setting said trace data flag to on if said module is registered with a performance analyzer tool;

determining if said module includes trace data hooks;

if said module includes said trace data hooks and said trace data flag is on:

transmitting a request to said performance analyzer tool to record trace data in response to encountering an embedded trace data hook in said module; and

if said module does not include said trace data hooks and said trace data flag is on:

transmitting a request to said performance analyzer tool to record trace data in response to entry and exit of said module; and

receiving from said performance analyzer tool a report based on said trace data.

2. (Original) The method of claim 1 wherein said software application is written in the C programming language.

3. (Original) The method of claim 1 wherein said software application is written in the C++ programming language.

4. (Original) The method of claim 1 wherein said software application is written in the assembler programming language.

5. (Original) The method of claim 1 wherein said trace data in response to entry of said module includes module name and time of module entry.

6. (Original) The method of claim 1 wherein said trace data in response to exit of said module includes module name and time of module exit.

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7. (Original) The method of claim 1 wherein said trace data hooks include:
program entry; and
program exit.

8. (Original) The method of claim 1 wherein said trace data hooks include:
function entry; and
function exit.

9. (Original) The method of claim 1 wherein said method for obtaining software performance data further comprises:
transmitting a request to said performance analyzer tool for said report based on said trace data.

10. (Original) The method of claim 1 wherein said report based on said trace data is in graphical format.

11. (Original) The method of claim 1 wherein determining if said module includes trace data hooks is performed by an operating system service.

12. (Original) The method of claim 1 wherein an operating system service determines if said module is registered with said performance analyzer tool.

13. (Original) The method of claim 1 wherein said transmitting a request to said performance analyzer tool to record trace data in response to entry and exit of said module is initiated by an operating system service.

14.-39. (Canceled)

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